





- 1 Compressor model
- 2 Voltage
- 3 SKU code (BOM)
- 4 Series number
- 5 Institute approval
- 8 Refrigerant Code 9 Annual Consumption (nominal current, when applicable) Locked Rotor current

6 Production Date

7 Oil Type and Quantity

## slable for some models IPR VALVE – AVAILABLE FOR SOME MODELS GK R404A E R22/R422D Z R1349 062AU ЭПОЭ ТИАЯЭЫЯЧЭЯ Ex.: 144 = 440 kcal/h em 50 Hz. in kcal/h in 50 Hz. digits to obtain the capacity (aprox.) that you must attach to the last two The first digit is the number of zeros YTIDA9AD 12H - 98H-M .6 G. M-HBP - HST TSJ - 98H-M .8 4. L-MBP - HST 3. L-MBP - LST Z. LBP - HST 1. LBP - LST **3000 NOITADIJ99A** next Generation noijej9n9∂ <sup>6</sup>₽ - X noitereneation 65 - U noitereneation S - X noiJe19n9∂ ⁵I - 🗆 **Р**ВОРИСТ БЕИЕВАТІОИ LN \ TN \ ∃N COMPRESSOR FAMILY V I U 6 2 2 4 Z V

## **MAIN** RECOMMENDATIONS

I. Check if the compressor is disconnected from the power grid.





You must never handle any electrical accessory with the compressor connected to the power grid. This can prevent several health risks to the technicians, such as electric shocks or getting burnt.

II. You must never remove the compressor without first removing all the refrigerant inside the system. You can use refrigerant recovery. In the case of replacing compressors with flammable refrigerants, such as R290 or R600a, make sure to remove the whole charge from the system.



III. You must always use a pipe cutter to disconnect the pipes from the compressor. Under no circumstances, use the flame torch to disconnect the compressor tubes.





IV. In case of compressor failure and / or internal contamination of the system, clean the refrigeration circuit with a suitable solvent, following the technical guidelines of the solvent manufacturer.





Failure to comply with the solvent manufacturer's technical guidelines may expose the technician to risk of fire or intoxication.

V.Before turning the compressor on: - Check if the voltage specified on the compressor label in accordance with the power grid and system electrical installation, following item 1.1.

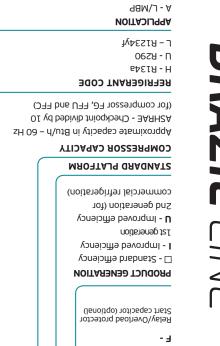








## (9uprot pritings abiH) T2H - XK - LST (Low starting torque) **З**ИОЯОТ ЭИІТЯАТС B - L/M/HBP Matrys Jadirtoala YJIMA7 COMPRESSOR



93/4



X - Relay + cap. part. (mandatory) HST R Relay C - PTC + cap. func. (mandatory)

P - PTC + cap. func. (optional)

ELECTRICAL COMPONENT

L - Efficiency improved 2<sup>a</sup> generation (LBP) B - Standard efficiency (M/HBP)

D - Standard efficiency (HBP) H - Standard efficiency (L/M/HBP)

**S** - Efficiency improved 2<sup>a</sup> generation (LBP) E - Efficiency improved 1a generation (LBP)

- Intermediate efficiency (LBP)

N - Standard efficiency (LBP)

EFFICIENCY LEVEL

L-R1234yf 062A - U H - R1349

C - R600a spuəja - 🗆

REFRIGERANT CODE

Checkpoint divided by 10 BARHZA - SHOƏ - A\UJB AI

YTIDA9AD ROSS3R9MOD

brebnets foM - □ 5 - Standard mechanical kit

> MECHANICAL KIT X - 6a Generation

noitenene∂ ₅2 - S

noitenene∂ ₅Þ - Y netation 5 deneration

T - 2ª Generation

noijejanao ⁵1 - I Caramana = Standard Efficiency **Р**ВО**Р**ИСТ БЕМЕВАТІОМ

COMPRESSOR FAMILY

8 H H O L S I W 3



FFUS130HAX









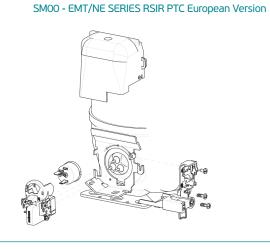
## **COMPRESSORS**

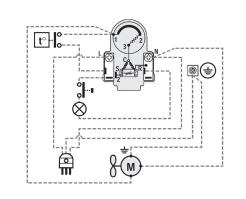
**Asia Pacific Catalogue** 



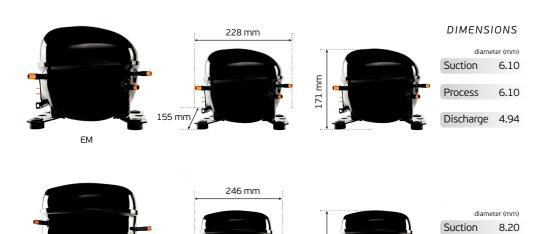
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## **WIRING** DIAGRAMS

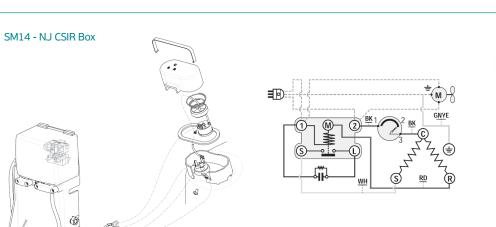




# SM09 - EG RSIR VERSION CSIR VERSION



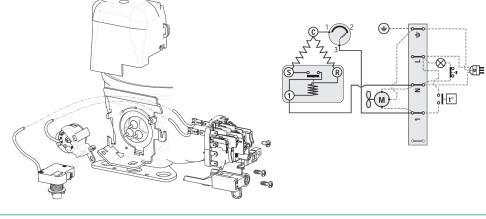
**COMPRESSORS** ON-OFF

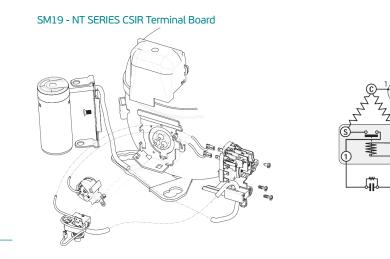


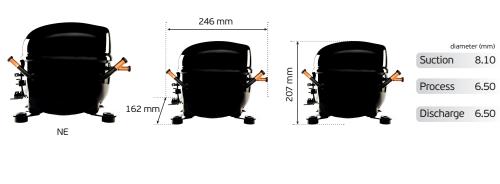




Process 6.50

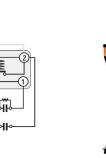












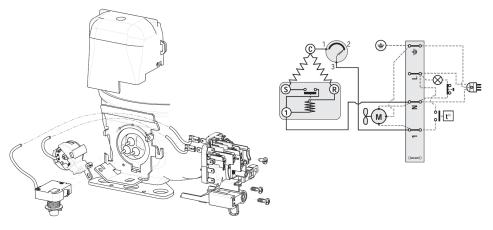
(\*) Valid only for CSIR version

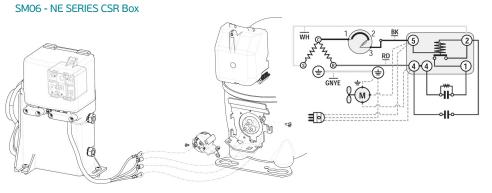


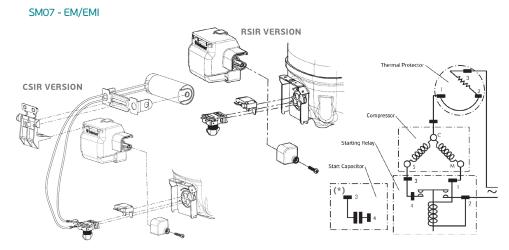




## SM03 - EMT/NE SERIES RSIR Terminal Board & Start Decice







## SM21 - NT SERIES CSR Box

